

AMENDED IN SENATE JUNE 12, 2014

AMENDED IN ASSEMBLY APRIL 22, 2014

AMENDED IN ASSEMBLY FEBRUARY 18, 2014

CALIFORNIA LEGISLATURE—2013–14 REGULAR SESSION

**ASSEMBLY BILL**

**No. 1447**

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**Introduced by Assembly Members Waldron and V. Manuel Pérez  
(Coauthors: Assembly Members Brown, Chávez, Maienschein, and  
Wilk)**

(Coauthor: Senator Vidak)

January 6, 2014

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*An act to ~~amend Section 39712 of the Health and Safety Code~~, add Chapter 16 (commencing with Section 2581) to Division 3 of the Streets and Highways Code, relating to greenhouse gases.*

LEGISLATIVE COUNSEL'S DIGEST

AB 1447, as amended, Waldron. California Global Warming Solutions Act of 2006: Greenhouse Gas Reduction Fund: traffic synchronization.

The California Global Warming Solutions Act of 2006 designates the State Air Resources Board as the state agency charged with monitoring and regulating sources of emissions of greenhouse gases. The act authorizes the state board to include use of market-based compliance mechanisms. Existing law requires all moneys, except for fines and penalties, collected by the state board from the auction or sale of allowances as part of a market-based compliance mechanism to be deposited in the Greenhouse Gas Reduction Fund and to be available upon appropriation. ~~Existing law requires the Department of Finance, in consultation with the state board and any other relevant state agency,~~

to develop, as specified, a 3-year investment plan for the moneys deposited in the Greenhouse Gas Reduction Fund. Existing law permits *authorizes* moneys from the fund be allocated for the purpose of reducing greenhouse gas emissions in this state through specified investments, including sustainable infrastructure projects, as specified.

This bill would authorize *moneys in the fund to be allocated for investment in a traffic signal synchronization project as a sustainable infrastructure projects to include traffic signal synchronization when project if* the project is designed and implemented to achieve cost-effective reductions in greenhouse gas emissions and includes specific reduction targets and metrics to evaluate the project's effect.

Vote: majority. Appropriation: no. Fiscal committee: yes.  
State-mandated local program: no.

*The people of the State of California do enact as follows:*

1     SECTION 1. The Legislature finds and declares all of the  
2     following:

3     (a) Traffic signal synchronization is a low-cost operational  
4     approach that reduces energy consumption and greenhouse gas  
5     emissions while alleviating congestion.

6     (b) Studies show that investment in traffic signal timing  
7     programs enjoy cost-benefit ratios at more than 40 to 1, meaning  
8     the benefits from these programs save more than \$40 for every  
9     dollar spent.

10    (c) Due to their ability to maximize benefits for the least cost,  
11    traffic signal synchronization programs should be explicitly eligible  
12    for funding dedicated to the reduction of greenhouse gas emissions.

13    SEC. 2. Chapter 16 (commencing with Section 2581) is added  
14    to Division 3 of the Streets and Highways Code, to read:

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16           CHAPTER 16. TRAFFIC SIGNAL SYNCHRONIZATION

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18    2581. Investments in a traffic signal synchronization project  
19    may be eligible for allocation of funds pursuant to Section 39712  
20    of the Health and Safety Code as a sustainable infrastructure  
21    project if both of the following conditions are met:

22    (a) The sponsoring agency's legislative or governing body makes  
23    a finding that the project is designed and implemented to achieve  
24    cost-effective reductions in greenhouse gas emissions.

1     (b) *The project includes specific reduction targets and metrics*  
2     *to evaluate the project's effect.*

3     ~~SECTION 1. Section 39712 of the Health and Safety Code is~~  
4     ~~amended to read:~~

5     ~~39712. (a) (1) It is the intent of the Legislature that moneys~~  
6     ~~shall be appropriated from the fund only in a manner consistent~~  
7     ~~with the requirements of this chapter and Article 9.7 (commencing~~  
8     ~~with Section 16428.8) of Chapter 2 of Part 2 of Division 4 of Title~~  
9     ~~2 of the Government Code.~~

10    ~~(2) The state shall not approve allocations for a measure or~~  
11    ~~program using moneys appropriated from the fund except after~~  
12    ~~determining, based on the available evidence, that the use of those~~  
13    ~~moneys furthers the regulatory purposes of Division 25.5~~  
14    ~~(commencing with Section 38500) and is consistent with law. If~~  
15    ~~any expenditure of moneys from the fund for any measure or~~  
16    ~~project is determined by a court to be inconsistent with law, the~~  
17    ~~allocations for the remaining measures or projects shall be~~  
18    ~~severable and shall not be affected.~~

19    ~~(b) Moneys shall be used to facilitate the achievement of~~  
20    ~~reductions of greenhouse gas emissions in this state consistent~~  
21    ~~with Division 25.5 (commencing with Section 38500) and, where~~  
22    ~~applicable and to the extent feasible:~~

23    ~~(1) Maximize economic, environmental, and public health~~  
24    ~~benefits to the state.~~

25    ~~(2) Foster job creation by promoting in-state greenhouse gas~~  
26    ~~emissions reduction projects carried out by California workers and~~  
27    ~~businesses.~~

28    ~~(3) Complement efforts to improve air quality.~~

29    ~~(4) Direct investment toward the most disadvantaged~~  
30    ~~communities and households in the state.~~

31    ~~(5) Provide opportunities for businesses, public agencies,~~  
32    ~~nonprofits, and other community institutions to participate in and~~  
33    ~~benefit from statewide efforts to reduce greenhouse gas emissions.~~

34    ~~(6) Lessen the impacts and effects of climate change on the~~  
35    ~~state's communities, economy, and environment.~~

36    ~~(c) Moneys appropriated from the fund may be allocated,~~  
37    ~~consistent with subdivision (a), for the purpose of reducing~~  
38    ~~greenhouse gas emissions in this state through investments that~~  
39    ~~may include, but are not limited to, any of the following:~~

1     ~~(1) Funding to reduce greenhouse gas emissions through energy~~  
2     ~~efficiency, clean and renewable energy generation, distributed~~  
3     ~~renewable energy generation, transmission and storage, and other~~  
4     ~~related actions, including, but not limited to, at public universities,~~  
5     ~~state and local public buildings, and industrial and manufacturing~~  
6     ~~facilities.~~

7     ~~(2) Funding to reduce greenhouse gas emissions through the~~  
8     ~~development of state-of-the-art systems to move goods and freight,~~  
9     ~~advanced technology vehicles and vehicle infrastructure, advanced~~  
10    ~~biofuels, and low-carbon and efficient public transportation.~~

11    ~~(3) Funding to reduce greenhouse gas emissions associated with~~  
12    ~~water use and supply, land and natural resource conservation and~~  
13    ~~management, forestry, and sustainable agriculture.~~

14    ~~(4) Funding to reduce greenhouse gas emissions through~~  
15    ~~strategic planning and development of sustainable infrastructure~~  
16    ~~projects, including, but not limited to, transportation and housing.~~  
17    ~~Sustainable infrastructure projects may include traffic signal~~  
18    ~~synchronization when the project is designed and implemented to~~  
19    ~~achieve cost-effective reductions in greenhouse gas emissions and~~  
20    ~~includes specific reduction targets and metrics to evaluate the~~  
21    ~~project's effect.~~

22    ~~(5) Funding to reduce greenhouse gas emissions through~~  
23    ~~increased in-state diversion of municipal solid waste from disposal~~  
24    ~~through waste reduction, diversion, and reuse.~~

25    ~~(6) Funding to reduce greenhouse gas emissions through~~  
26    ~~investments in programs implemented by local and regional~~  
27    ~~agencies, local and regional collaboratives, and nonprofit~~  
28    ~~organizations coordinating with local governments.~~

29    ~~(7) Funding research, development, and deployment of~~  
30    ~~innovative technologies, measures, and practices related to~~  
31    ~~programs and projects funded pursuant to this chapter.~~